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(71)Applicant : TOYO ALUM KK

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(54) ALUMINUM PIGMENT, PRODUCTION THEREOF AND RESIN COMPOSITION  
CONTAINING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an aluminum pigment that is chemically stable, has excellent storage stability as a water paint or water ink, and provides a coating film having moisture resistance by a simple method which forms a coating film derived from a specific peroxyacid on surfaces of aluminum pigment particles.

SOLUTION: This aluminum pigment, which forms a coating film derived from at least one peroxyacid of compositional formula,  $M_xO_y \cdot mH_2O_2 \cdot H_2O$  [(M) is a metal element; (x) is 1 or 2; y is 2-5], is preferably produced by agitating or kneading an aluminum pigment with a solution prepared by dissolving a peroxyacid solution which contains 0.01-2.0 pts.wt. of the metal element and 0.01 pts.wt. of phosphorus, respectively, to 100 pts.wt. of the aluminum pigment, into a solution prepared by dissolving 1-50wt.% of a metal element into a hydrogen peroxide water which contains 1-70wt.% of hydrogen peroxide.

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